

13 --The improved process comprises the absorption of immunostimulant, onto a metallic salt particle, followed by the absorption of the antigen onto another metallic salt particle, followed by the mixing of the discrete metallic particles to form a vaccine. The present invention also provides for an adjuvant composition an immunostimulant, absorbed onto a metallic salt particle, characterised in that the metallic salt particle is substantially free of other antigen. Furthermore, vaccines are provided by the present invention and are characterised in that the immunostimulant is absorbed onto particles of metallic salt which are substantially free from other antigen, and in that the particles of metallic salt which are absorbed to the antigen are substantially free of other immunostimulant. An immunostimulant may include, but is not limited to, monophosphoryl lipid A or a derivative thereof. Thus, vaccines are provided comprising two major populations of complexes, a first complex comprising (a) an immunostimulant adsorbed onto a metallic salt particle, characterised in that said metallic salt particle is substantially free of antigen; and a second complex comprising (b) antigen adsorbed onto a metallic salt particle, characterised in that said metallic salt particle is substantially free of the immunostimulant of the first complex. --

In the Claims:

Please cancel claim 117 without prejudice or disclaimer.

Please amend claims 32, 39-42, 44, 47, 49, 71-92, and 116.

Claims 1-31 were cancelled previously without prejudice or disclaimer.

32. (Twice Amended) An adjuvant composition comprising an immunostimulant adsorbed onto a metallic salt particle, wherein ~~the immunostimulant may be a first antigen and the metallic salt particle is substantially free of any antigen other than said first antigen where present and~~

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E contd.